

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 2

On substitute for form 1449A/PTO
U.S. Department of Commerce
Patent and Trademark Office

First Named Inventor: James E. C. Brown
Filing Date: August 7, 2003
Docket ID: RAD344

Title: Automatic Burst Mode I/Q Gain and I/Q Phase Calibration Using Packet-Based Fixed Correction Coefficients

U. S. PATENT DOCUMENTS

<u>Examiner Initials</u>	<u>Patent No.</u>	<u>Patentee</u>	<u>Date of Publication</u>	<u>Class/ Subclass</u>
<u>E-Z</u>	6,330,290	Glas	Dec. 11, 2001	375/324

FOREIGN PATENT DOCUMENTS

<u>Examiner Initials</u>	<u>Office</u>	<u>Number</u>	<u>Patentee or Applicant</u>	<u>Date of Publication</u>
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OTHER NON PATENT LITERATURE DOCUMENTS

Include name of author (in CAPITAL LETTERS) title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

E-Z Li YU & W. Martin SNELGROVE, "A Novel Adaptive Mismatch Cancellation System for Quadrature IF Radio Receiver", IEEE Transactions On Circuits and Systems -- II: Analog and Digital Signal Processing, Vol. 46, No. 6, pages 789-801, June, 1999

E-Z Ediz CETIN, Izzet KALE & Richard C. S. MORLIN, "Adaptive Compensation of Analog Front-End I/Q Mismatches in Digital Receivers", pages IV-370 to IV373, IEEE, 2001

E-Z James K. CAVERS, & Maria W. LIAO, "Adaptive Compensation for Imbalance and Offset Losses in Direct Conversion Transceivers" IEEE Transactions on Vehicular Technology, Vol. 42, No. 4, pages 581-588, November, 1993

Examiner Signature: 

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E-7

Knog-pang PUN, Jose E. FRANCA & C. AZEREDO-LEME, "Wideband Digital Correction and I and Q Mismatch in Quadrature Radio Receivers", ISCAS 2000 - IEEE International Symposium on Circuits and Systems, May 28-31, 2000, pages V661-V664, Geneva, Switzerland

E-7

Ediz CETIN, Izzet KALE & Richard C. S. MORLING, "On the Structure, Convergence and Performance of an Adaptive I/Q Mismatch Corrector", pages 2288-2292, IEEE, 2002

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